CLAIMS

WHAT IS CLAIMED IS:

1. A valve comprising:

a body defining a fluid channel including a first open end forming an inlet to said channel;

a valve seat within said body, said valve seat defining an outlet in fluid communication with said channel;

a valve head adapted to engage said valve seat to close said outlet from said fluid channel;

a lever connected to said valve head and adapted to pivot said valve head toward said valve seat to close said valve and to pivot said valve head away from said valve seat to open said valve upon movement of said lever; and

a movement restricter connected to said body and positioned to restrict movement of said valve head in a direction for opening said valve.

2. The valve of claim 1, said lever formed integrally with said body.

3. The valve of claim 1, said restricter including a ring surrounding said lever, and a tab extending inwardly in said ring for engaging said valve head.

4. The valve of claim 3, said ring being removable from said body.

5. The valve of claim 1, said restricter positioned to engage said valve head.

6. The valve of claim, said restricter positioned to engage said lever.

7. The valve of claim 1, said restricter formed integrally with said body outwardly from said lever.

8. The valve of claim 1 including a tamper-evident seal connected to said restricter by frangible links.

9. The valve of claim 8, said tamper-evident seal having a blocking member for engaging said lever, said blocking member connected to said restricter by said frangible links.

10. The valve of claim of claim 9, including a loop between said blocking member and said restricter, said loop having a handle.

11. The valve of claim 1, including a valve membrane of flexible material having said valve head formed therein, said membrane further including flanks connected to said valve head and said body.

12. The valve of claim 1, said lever having wings connected to said valve head on opposite sides thereof.

13. The valve of claim 1, said valve head having an enlargement shaped to fit in said valve seat.

14. The valve of claim 1, including a valve membrane of flexible material having said valve head formed therein, said membrane connected to and forming a fluid tight seal between said body and said lever.

15. The valve of claim 1, said restricter positioned outwardly of said lever.

16. A valve comprising:

a hollow body defining a fluid channel including a first open end forming an inlet to said channel;

a valve seat within said body at a second end thereof, said valve seat defining an outlet in fluid flow communication with said channel;

a lever pivotally connected to said body;

a valve membrane of flexible material defining a valve head therein, said valve head being adapted to engage said valve seat to close said outlet from said fluid channel, said valve membrane connected to and forming a fluid tight seal between said body and said lever, said valve head and said lever operatively associated to pivot said valve head toward said valve seat to close said valve and to pivot said valve head away from said valve seat to open said valve upon movement of said lever; and

a movement restricter connected to said body for restricting movement of said valve head in a direction to open said valve.

17. The valve of claim 16, said restricter positioned outwardly of said lever.

18. The valve of claim 16, said restricter positioned to engage said valve membrane and thereby restrict movement of said valve head.

19. The valve of claim 16, including a tamper-evident seal separably connected to said restricter.

20. The valve of claim 16, said tamper evident seal being connected to said restricter by frangible links.

21. A valve comprising:

a hollow body defining a fluid channel including a first open end forming an inlet to said channel;

a valve seat within said body at a second end thereof, said valve seat defining a downwardly opening outlet in fluid flow communication with said channel;

a lever pivotally connected to said body;

a valve membrane of flexible material defining a valve head therein, said valve head being adapted to engage said valve seat to close said outlet from said fluid channel, said valve membrane being connected to and forming a fluid tight seal between said body and said lever, said valve head and said lever operatively associated to pivot said valve head toward said valve seat to close said valve and to pivot said valve head away from said valve seat to open said valve upon movement of said lever, said valve membrane being formed in a shape having memory, and being positioned on said body for deflection from said shape to open said valve upon movement of said lever and for returning to said shape for closing said valve upon release of said lever; and

a cap connected to said body and substantially covering said valve membrane, said cap including a portion thereof positioned to restrict movement of said valve head in a direction to open said valve.

22. The valve of claim 21, said portion of said cap including a tab positioned to engage said membrane.

23. The valve of claim 21, said portion of said cap being a wall disposed outwardly of said lever for restricting movement of said lever.